

L5 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:874633 CAPLUS
 DN 135:373069
 TI Waterborne and waterproofing coating compositions for construction materials
 IN Cai, Zhaolin
 PA Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 IC ICM C09D121-02
 ICS C09D005-16
 CC 42-10 (Coatings, Inks, and Related Products)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1290729	A	20010411	CN 2000-132253	20001113
PRAI	CN 2000-132253		20001113		

AB The comps. comprise: rubbery latex 35-45, casein 1.5-3, NaOH 1-2, ammonia water (18-28%) 0.6-0.8, emulsifying agent 0.5-1, stearic acid 3.5-4, paraffin wax 3-4, neoprene latex 1.5-2.5, promotor TT 0.3-0.4, antioxidant 1.5-2.5, ZnO 0.5-1, sepiolite 0.5-1.5, asbestos powder 0.5-1, titanium white powder 0.5-1.5, light CaCO₃ 0.5-1, Na benzoate 1-1.5, poly(vinyl alc.) 15-25, and soft water 12-20%.
 ST neoprene latex waterborne waterproofing construction coating compn
 IT Coating materials
 (water-resistant, water-thinned; waterborne and waterproofing construction coating compns. materials)
 IT Latex
 (waterborne and waterproofing construction coating compns. materials)
 IT Caseins, uses
 Neoprene rubber, uses
 RL: TEM (Technical or engineered material use); USES (Uses)
 (waterborne and waterproofing construction coating compns. materials)
 IT 9002-89-5, Poly(vinyl alcohol)
 RL: MOA (Modifier or additive use); USES (Uses)
 (emulsifying agent; waterborne and waterproofing construction coating compns. materials)
 IT 1314-13-2, Zinc oxide, uses 13463-67-7, **Titanium dioxide**, uses
 RL: MOA (Modifier or additive use); USES (Uses)
 (filler; waterborne and waterproofing construction coating compns. materials)
 IT 9010-98-4
 RL: TEM (Technical or engineered material use); USES (Uses)
 (neoprene rubber, waterborne and waterproofing construction coating compns. materials)

(FILE 'HOME' ENTERED AT 08:42:09 ON 05 APR 2003)

10/086902

FILE 'CAPLUS' ENTERED AT 08:42:18 ON 05 APR 2003

L1 32289 S (SLACK OR MICROCRYSTALLINE OR OLEFINIC OR PARAFFIN) (P) WAX
L2 6463 S L1 AND WATER
L3 480 S L2 AND STEARIC ACID
L4 21 S L3 AND (FUEL OR COAL OR DIESEL)

FILE 'STNGUIDE' ENTERED AT 08:43:47 ON 05 APR 2003

FILE 'CAPLUS' ENTERED AT 08:57:26 ON 05 APR 2003

L5 9 S L3 AND TITANIUM DIOXIDE

FILE 'STNGUIDE' ENTERED AT 08:58:17 ON 05 APR 2003

ANSWER 18 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1985:133737 CAPLUS

DN 102:133737

TI **Water**-emulsion shoe polish

IN Saltenite, D.; Paukstite, L.; Mickunas, J.; Laikov, J.

PA "Soyuzbytkhim" All-Union Enterprises, USSR

SO U.S.S.R.

From: Otkrytiya, Izobret. 1984, (40), 67.

CODEN: URXXAF

DT Patent

LA Russian

IC C09G001-08; C08L091-06

CC 42-11 (Coatings, Inks, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 1121278	A1	19841030	SU 1983-3549788	19830204
PRAI	SU 1983-3549788		19830204		

AB Shoe polishes with increased **water** resistance and improved use properties contain Zn(OAc)₂ [557-34-6] 0.4-0.6, liq. poly(ethylsiloxane) 1.2-2.3, and turpentine 3-5% in addn. to brown **coal wax** 6.5-10.0, polyethylene [9002-88-4] **wax** 4.0-6.0, **paraffin** 4.0-6.0, ceresin 1.5-2.5, diethylethanolamine 1.2-2.3, **stearic acid** 3.0-3.5, Na pentachlorophenolate 0.05-0.07, dye 0.7-2.5, and fragrance 0.2-0.5%, with the remainder being **water**.

ST show polish **water** thinned; **water** resistance shoe polish; zinc acetate shoe polish; siloxane shoe polish; turpentine shoe polish; polyethylene **wax** shoe polish; **coal wax** shoe polish; **paraffin wax** shoe polish; emulsion shoe polish

IT Waterproofing
(of shoes, with wax emulsion polishes)

IT Shoes
(polishes for, wax-emulsion, with improved **water** resistance)

IT Turpentine
(wax emulsion polishes contg., with improved **water** resistance, for shoes)

IT Siloxanes and Silicones, uses and miscellaneous
RL: USES (Uses)
(di-Et, wax emulsion polishes contg., with improved **water** resistance, for shoes)

IT Polishing materials
(emulsions, wax, with improved **water** resistance, for shoes)

IT 557-34-6
RL: USES (Uses)
(wax emulsion polishes contg., with improved **water** resistance, for shoes)

IT 9002-88-4
RL: USES (Uses)
(wax, emulsion polishes based on, with improved **water** resistance, for shoes)

L4 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1990:443478 CAPLUS

DN 113:43478

TI Manufacture of emulsion explosive for coal mine

IN Bao, Guangyi

PA Fengfeng Mining Administration, Factory No. 607, Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.

CODEN: CNXXEV

DT Patent

LA Chinese

IC ICM C06B031-28

ICS C06B029-02

CC 50-2 (Propellants and Explosives)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1031363	A	19890301	CN 1988-103816	19880627
	CN 1031401	B	19960327		
PRAI	CN 1988-103816		19880627		
AB	The title process comprises mixing liq. phase contg. NH4NO3, NaCl, urea, and surfactant 6503 with oil phase contg. <u>paraffin wax</u> , vaselin oil, <u>stearic acid</u> , pitch, <u>mineral oil</u> , and emulsifier Span-80 and sensitizing with NaNO2 and NH4NO3. NaCl replacing the NaNO3 oxidizer is 8.0-9.0% in the 1st grade and 10.0-11.0% in the 2nd grade coal mining explosive.				
ST	ammonium nitrate coal mine explosive; sodium chloride coal mine explosive; Span 80 coal mine explosive; sodium nitrite foaming explosive				
IT	Rosin				
	RL: PREP (Preparation) (additives, in prepn. of granulated emulsion explosive, with blowability and high water resistance)				
IT	Paraffin oils				
	Paraffin waxes and Hydrocarbon waxes, uses and miscellaneous				
	RL: USES (Uses) (emulsion explosive contg., sodium chloride in, for coal mine)				
IT	Emulsifying agents				
	Fuels, diesel (in prepn. of granulated emulsion explosive, with blowability and high water resistance)				
IT	Explosives (emulsion, granulated, with blowability and high water resistance)				
IT	Pitch (petroleum, emulsion explosive contg., sodium chloride in, for coal mine)				
IT	101994-18-7, ANFO				
	RL: USES (Uses) (blend of, with emulsion explosive, with blowability and high water resistance)				
IT	1338-43-8, Sorbitan monooleate				
	RL: USES (Uses) (emulsifier, in prepn. of granulated emulsion explosive, with blowability and high water resistance)				
IT	7632-00-0, Sodium nitrite				
	RL: USES (Uses) (foaming agent, in prepn. of granulated emulsion explosive, with blowability and high water resistance)				
IT	57-13-6, Urea, uses and miscellaneous 151-21-3, uses and miscellaneous				

6484-52-2, Ammonium nitrate, uses and miscellaneous 7631-99-4, Nitric acid sodium salt, uses and miscellaneous

RL: USES (Uses)

(in prepn. of granulated emulsion explosive, with blowability and high **water** resistance)

IT 7429-90-5, Aluminum, uses and miscellaneous

RL: USES (Uses)

(powder, in prepn. of granulated emulsion explosive, with blowability and high **water** resistance)

21, 41, 44⁴³

ANSWER 7 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1999:551977 CAPLUS
 DN 131:159644
 TI Solid **fuel**
 IN Wen, Bailin
 PA Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 IC ICM C10L005-10
 CC 51-24 (Fossil Fuels, Derivatives, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1116650	A	19960214	CN 1994-111112	19940810
PRAI	CN 1994-111112		19940810		

AB The solid **fuel** is composed of 95% ethanol 25-35, stearic acid 8-15, paraffin 2-4, NaOH 2-4, NaCl 0.1, charcoal powder 20-45, anthracite **coal** 50-80, and water 15-25 wt. parts.

ST solid **fuel** manuf

IT Anthracite
 Charcoal

RL: NUU (Other use, unclassified); TEM (Technical or engineered material use); USES (Uses)

(powder; solid **fuel** contg.)

IT **Fuel** briquets

(solid **fuel** compns.)

IT Alkanes, uses

Paraffin waxes, uses

RL: MOA (Modifier or additive use); USES (Uses)

(solid **fuel** contg.)

IT **Fuels**

(solid; solid **fuel** compns.)

IT 57-11-4, Octadecanoic acid, uses 64-17-5, Ethanol, uses 1310-73-2,

Sodium hydroxide, uses 7647-14-5, Sodium chloride, uses

RL: MOA (Modifier or additive use); USES (Uses)

(solid **fuel** contg.)

L7 ANSWER 33 OF 33 CAPLUS COPYRIGHT 2003 ACS
 AN 1968:31852 CAPLUS
 DN 68:31852
 TI Process for the preparation of an adhesive
 IN Poetzsch, Armin; Dittrich, Wolfgang
 SO Ger. (East), 2 pp.
 CODEN: GEXXA8

DT Patent

LA German

IC C09J

CC 51 (Petroleum, Petroleum Derivatives, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 54048		19670220	DD	19660615
AB	An adhesive for shipping cartons consists of <u>6-15% oxidized paraffin,</u> <u>4-15% oxidized ceresin, 1-3% of 20% NaOH soln., 20-50% water,</u> and 12-55% Na ₂ SiO ₃ . The waxes are saponified at 80-100.degree. with caustic to weakly alk. pH and dild. with water at 80-100.degree., the cold Na ₂ SiO ₃ added and the mixt. cooled.				
ST	ADHESIVES WAX BASED; WAX BASED ADHESIVES				
IT	Ceresin Paraffins, uses and miscellaneous RL: USES (Uses) (adhesives contg. oxidized, for containers)				
IT	Containers (adhesives for, manuf. of)				
IT	Adhesives, preparation (for containers, contg. ceresin, sodium hydroxide, sodium silicate (Na ₂ SiO ₃) and oxidized paraffins)				
IT	1310-73-2, uses and miscellaneous 6834-92-0 RL: USES (Uses) (adhesives contg. oxidized, for containers)				

nc
L5 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2003 ACS

AN 1998:424105 CAPLUS

DN 129:99822

TI Cosmetic composition in the form of an emulsion containing a polymeric coloring agent

IN Lemann, Patricia; Mellul, Myriam

PA L'oreal, Fr.; Lemann, Patricia; Mellul, Myriam

SO PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DT Patent

LA French

IC ICM A61K007-48

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9826756	A1	19980625	WO 1997-FR2302	19971215
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	FR 2757049	A1	19980619	FR 1996-15452	19961216
	FR 2757049	B1	19990122		
	EP 951276	A1	19991027	EP 1997-952061	19971215
	EP 951276	B1	20020619		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	JP 2000513002	T2	20001003	JP 1998-527389	19971215
	AT 219352	E	20020715	AT 1997-952061	19971215
PRAI	FR 1996-15452	A	19961216		
	WO 1997-FR2302	W	19971215		

AB An emulsion, more particularly for makeup, contg. **water**, a fatty constituent selected among the optionally volatile oils and/or waxes and a polymeric coloring agent characterized in that the polymeric coloring agent is selected among the sulfopolyester, polyamide, polyurethane, polyacrylic polymers or their mixts. A mascara contained **stearic acid** 6, glyceryl stearate 3.7, a mixt. of waxes 16.7, preservatives 0.3, hydroxyethyl cellulose 0.2, triethanolamine 3, a blue polymeric coloring agent 10, ethoxydiglycol 0.2, acacia 5.8, and **water** q.s. 100%.

ST cosmetic emulsion mascara polymeric coloring agent

IT Fats and Glyceridic oils, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(Japan wax; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Glycosides

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(Me derivs.; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polysiloxanes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(Me; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Fats and Glyceridic oils, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(avocado; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Beeswax

Emulsifying agents

Ozocerite

(cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Acrylic polymers, biological studies
 Candelilla wax
 Carnauba wax
 Corn oil
 Cottonseed oil
 Esters, biological studies
 Hydrocarbon oils
 Jojoba oil
 Lanolin
 Lysophospholipids
 Montan wax
 Olive oil
 Paraffin oils
 Paraffin waxes, biological studies
 Peanut oil
 Petrolatum
 Polyamides, biological studies
 Polysiloxanes, biological studies
 Polyurethanes, biological studies
 Rape oil
 Soybean oil
 Sunflower oil
 Waxes
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics
 (creams; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics
 (emulsions; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics
 (eye liners; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polysiloxanes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (fatty ester group-contg.; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Alcohols, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (fatty, higher; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polysiloxanes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (fluoro; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Paraffin oils
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (isoparaffin oils; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics
 (lipsticks; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics
 (makeups; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics
(mascaras; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Hydrocarbon **waxes**, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(**microcryst.**; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Fats and Glyceridic oils, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(mink; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Turtle (Testudines)
(oil of; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Waxes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(ouricury; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polysiloxanes, biological studies
Polysiloxanes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(polyoxyalkylene-; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polyoxyalkylenes, biological studies
Polyoxyalkylenes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(polysiloxane-; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Cosmetics
(powders; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Raisin
(seed oil; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Fats and Glyceridic oils, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(sesame; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Glycerophospholipids
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(soya; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Waxes
Waxes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(sugarcane; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Polyesters, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(sulfo-contg.; cosmetic compn. in form of emulsion contg. polymeric coloring agent)

IT Sugarcane
Sugarcane

L4 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2003 ACS
 AN 1999:705314 CAPLUS
 DN 131:288479
 TI Manufacture of heavy ANFO with **water**-resistant emulsion
 IN Qu, Shijie; Sun, Changshou; Fang, Zulie
 PA Beijing University of Science & Technology, Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 8 pp.
 CODEN: CNXXEV

DT Patent

LA Chinese

IC ICM C06B045-00

ICS C06B031-28

CC 50-2 (Propellants and Explosives)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1137507	A	19961211	CN 1996-104685	19960419
	CN 1045428	B	19991006		
PRAI	CN 1996-104685		19960419		

AB The emulsive explosive comprises a discontinuous phase comprising NH₄NO₃ 72-80, NaNO₃ 6-12, sodium lauryl sulfate 0.14-0.16, and **water** 2.7-3.0, and a continuous phase comprising emulsifying agent 1.5-2.2, crosslinking agent 1.6-2.2, paraffin 1.8-2.2, mineral wax 0.10-0.15, and sensitizing agent 0.1-2.0%. The emulsifying agent is using poly(isobutylene succinimide) as main component; the sensitizing agent is S powder or Al dust; the crosslinking agent is stearic acid. The manuf. process comprises dissolving NH₄NO₃, NaNO₃, sodium lauryl sulfate in **water** at 125-135.degree. to give the oxidizer soln., dissolving emulsifying agent and crosslinking agent in the mixt. of **paraffin** and mineral **wax** at 120-130.degree., mixing the two solns. with the sensitizing agent under stirring for 6-10 min (the max. linear speed 16-20 m/s) to obtain an emulsion, and mixing the emulsion with ANFO warmed at .ltoreq.20-40.degree. under stirring.

ST emulsion explosive ANFO mixt manuf

IT Explosives
 (emulsion; manuf. of heavy ANFO with **water**-resistant emulsion)

IT **Paraffin waxes**, uses
 RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
 (in manuf. of heavy ANFO with **water**-resistant emulsion)

IT Hydrocarbon **waxes**, uses
 RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
 (**microcryst.**; in manuf. of heavy ANFO with **water**-resistant emulsion)

IT 57-11-4, Octadecanoic acid, uses
 RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
 (crosslinking agent; in manuf. of heavy ANFO with **water**-resistant emulsion)

IT 115-11-7D, Isobutylene, polymers with succinimide 123-56-8D, Succinimide, polymers with isobutylene 151-21-3, Sodium lauryl sulfate, uses
 RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
 (emulsifier; in manuf. of heavy ANFO with **water**-resistant emulsion)

IT 7429-90-5, Aluminum, uses
 RL: PEP (Physical, engineering or chemical process); TEM (Technical or

engineered material use); PROC (Process); USES (Uses)
(~~fuel~~; in manuf. of heavy ANFO with ~~water~~-resistant
emulsion)

IT 7631-99-4, Sodium nitrate, uses 101994-18-7, ANFO
RL: PEP (Physical, engineering or chemical process); TEM (Technical or
engineered material use); PROC (Process); USES (Uses)
(in manuf. of heavy ANFO with ~~water~~-resistant emulsion)

IT 6484-52-2, Ammonium nitrate, uses
RL: PEP (Physical, engineering or chemical process); TEM (Technical or
engineered material use); PROC (Process); USES (Uses)
(porous; in manuf. of heavy ANFO with ~~water~~-resistant
emulsion)

IT 7704-34-9, Sulfur, uses
RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical
process); PROC (Process); USES (Uses)
(sensitizing agent; in manuf. of heavy ANFO with ~~water~~
-resistant emulsion)